



CHOOSE YOUR BLOCK: C1 C2

A.Y. 2026-27

Study Plan - Automatic Acceptance

ID STUDENT

FAMILY NAME

e-mail

First Name

1st year 2nd year

Your Bachelor's degree

Year of enrollment

MANDATORY SUBJECTS

Y	s	SUBJECTS	CFU	SSD	BLOCK	C
1	I	INTEGRATED SENSORS	9	IINF-01/A	ALL	9
1	II	NANOTECHNOLOGY	6	IINF-01/A	ALL	6
1	II	VLSI CIRCUIT AND SYSTEM DESIGN	9	IINF-01/A	ALL	9
2	I	CONTROL OF MECHANICAL SYSTEMS	9	IINF-04/A	ALL	9
2	I	ELECTRONICS OF IOT AND EMBEDDED SYSTEMS	12	IINF-01/A	ALL	12
2	I	ROBOT MECHANICS	9	IIND-02/A	ALL	9
2	II	COMPUTER VISION	6	IMIS-01/B	ALL	6
2	II	POWER ELECTRONICS AND ELECTRICAL DRIVES	9	IINF-01/A	ALL	9
2	II	POWERTRAIN TECHNOLOGIES FOR FUTURE MOBILITY	9	IND-06/A	ALL	9
1-2		FORMATIVE ACTIVITIES/INTERNSHIP	6		ALL	6

BLOCKS (24 or 27 cfu)

84

BLOCK C1 - MECHATRONICS SYSTEMS AND ICT - LEARNING AND COMMUNICATION

C1

1	I	INNOVATIVE MATERIALS WITH LABORATORY	6	IND/03C	C1-E	6
		opt C1.a – One of the following 3 subjects:				
1		Digital Communications			C1	
1	I	Information Theory and Data Science	6	IINF-03/A	C1	6
1		Multimedia Processing and Communication			C1	
		opt C1.b – One of the following 5 subjects:				6 or 9
1	II	Digital Signal Processing	6	IINF-03/A	C1-C2	
		Digital Signal Processing	9		C1-C2	
		Electronic Interfaces	6	IINF-01/A	B-C1-C2-E	

2	II	Deep Learning and Applications	6	IINF-01/A	C1	
		Identification and neural networks	6	IINF-04/A	C1	
2	II	CONTROL OF ELECTRICAL MOTORS AND VEHICLES	6	IINF-04/A	C1-C2-E	6

BLOCK C2 - MECHATRONICS SYSTEMS AND ICT - INTERCONNECTED ELECTRIC VEHICLE ENGINEERING

C2

1	II	INTEGRATED SOLUTIONS FOR SUSTAINABLE MOBILITY AND ENERGY	6	IIND-06/A	C2	6
		opt C2.a – One of the following 3 subjects:				
1	I	On Board Energy Generation and Storage	6	IINF-01/A	C2	
1	I	Wireless Electromagnetic Technologies	6	IINF-02/A	C2	6
2	II	Radar and Localization	6	IINF-03/A	C2	
		opt C2.b – One of the following 4 subjects:				
1	II	Digital Signal Processing	6	IINF-03/A	C1-C2	
1	II	Digital Signal Processing	9*	IINF-03/A	C1-C2	6 or 9
1	II	Electric Propulsion	6	IIND-08/A	C2	
1	II	Electronics Interfaces	6	IINF-01/A	B-C1-C2-E	
2	II	CONTROL OF ELECTRICAL MOTORS AND VEHICLES	6	IINF-04/A	C2	6

		FINAL EXAM	12		ALL	12
		TOTAL CREDITS			120 or *123	

Date of submission

Student's signature

Date of approval

School Office (Simona Ranieri)

The Coordinator (Prof. C.M. Verrelli)

Reserved to the Management office